

# Village of Bartlett



## LEAD SERVICE LINE REPLACEMENT PROGRAM

VILLAGE COST SHARE UP TO \$5,000\*

\*In order to qualify for the Village of Bartlett's Lead Service Replacement Program the resident must have a lead service line to the home that has been tested and confirmed to indeed contain lead.

# **BARTLETT LEAD SERVICE LINE REPLACEMENT PROGRAM**

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# **BARTLETT LEAD SERVICE LINE REPLACEMENT PROGRAM**

## **What is it?**

The Village of Bartlett Lead Service Replacement Program was established to provide financial assistance to homeowners who desire to protect their drinking water from potential lead contaminants. Eligible homeowners may qualify for the Village to split the cost up to five thousand dollars (\$5,000) towards the cost for installing a copper service line from the water main to the water meter.

The Village of Bartlett encourages the full replacement of lead service lines on both public and private property. Property owners interested in replacing a lead service line can work with the Public Works Department's Water Division to replace the entire service line from water main to meter. If a property owner meets specific requirements and agrees to the terms outlined herein, the Village of Bartlett will assist the homeowner in this replacement. This program is strictly voluntary and homeowners at no point are required to participate if they do not wish to do so.

## **Is There Anything Else I Should Know?**

This program is only available to homes who have lead service lines from the Village mains. Commercial properties are not eligible. The resident must have tested their line entering their main and notify the Village of the results. Residents may contact a licensed plumber or call the Public Works Department at (630) 837-0811 to schedule an internal inspection of their incoming water line by Village personnel.

Staff can schedule the appointment and a Bartlett Public Works Staff member may be able to determine whether or not the water service line entering your home is lead. These inspections are not always conclusive and only give an indication of the pipe material in the portion between the home and the shut-off valve ("B-Box"). Please see the illustration on the following page for some examples of potential sources of lead coming into the home, as well as ways to reduce your exposure to lead in your home to help assist in the reduction of lead contaminants.

If the service line is found to contain lead, and the homeowner wishes to pursue the Cost-Share Program, the resident must obtain and provide the Village with a copy of three (3) quotes from licensed plumbers in order to be considered for the program. The Resident may choose whichever of the three (3) contractors they would like to use; however, the Village will reimburse based off the LOWEST accepted quoted price. Furthermore, there are certain costs which are eligible for the Village Lead Service Line Replacement Program and others that are strictly the responsibility of the homeowner. These quotes must be itemized accordingly for approval.

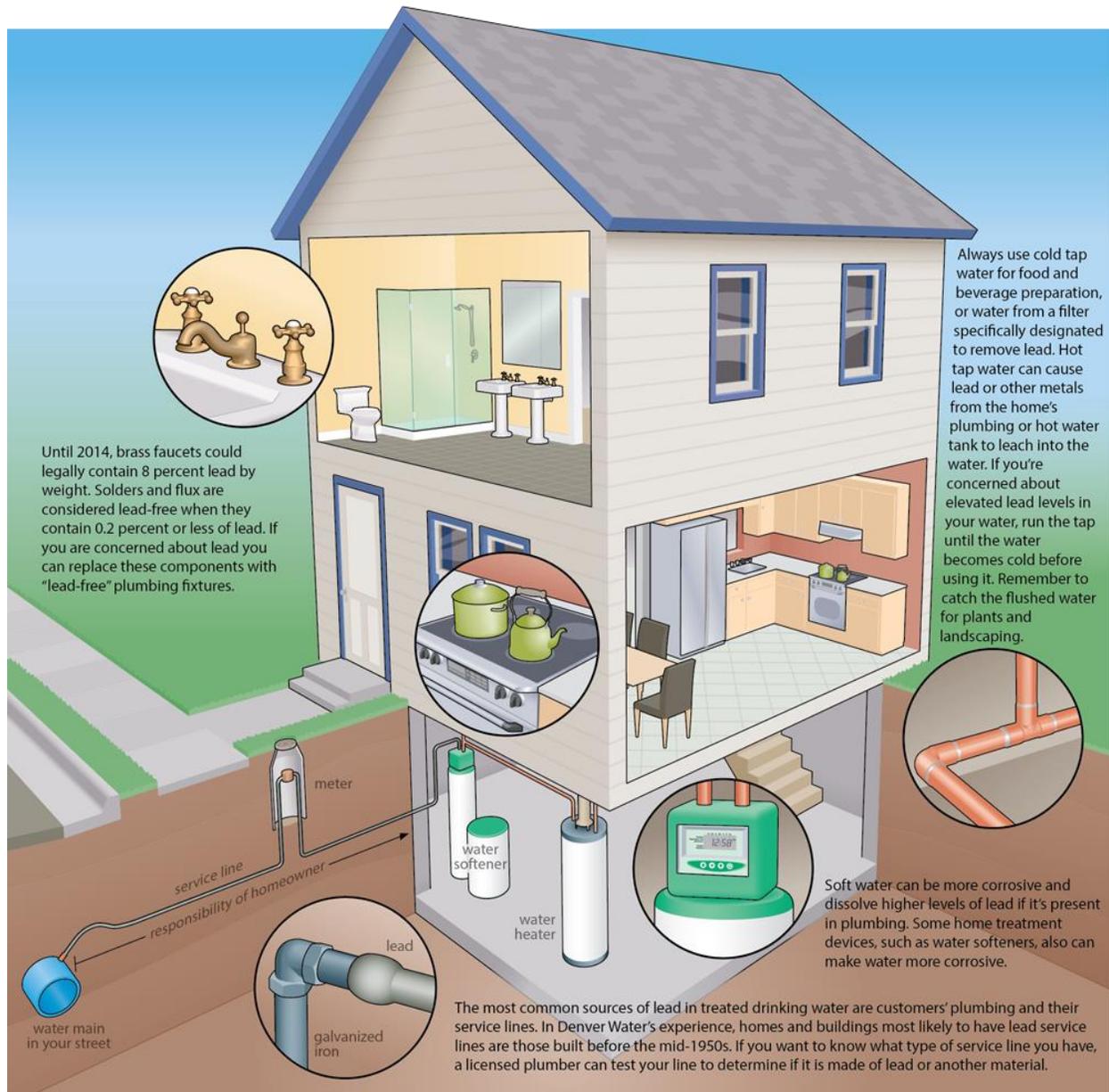
## **Potential Sources of Lead**

- Lead can be found in the service line leading up to the home (most common source). Homeowner's services may be lead, galvanized steel, copper or plastic depending on when the service line was installed and/or replaced.
- The plumbing throughout the home may contain lead if lead or galvanized pipes were utilized, or if lead solder was used to seal copper pipes (prior to 1986).
- Faucets, including brass faucets made prior to 2014, may contain traces of lead.

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- Water Softeners may also dissolve more lead, if lead is present in the pipes entering the home.

Note: Homes constructed prior to 1986 are more likely to have lead containing brass fixtures, lead fittings, lead solder and lead service lines.



### **Steps to Reduce Lead Exposure**

- Before using any tap water, flush your water systems by running the kitchen tap (or any other tap) for a couple of minutes on cold (boiling doesn't remove lead).
- Remove and clean faucet aerators regularly to eliminate debris such as metal particulates.
- Utilize a water filter on taps certified to remove lead, or install a water filtration system
- If your service line is lead, replace the service with a safer material approved by the Village's Building Code.

# **BARTLETT LEAD SERVICE LINE REPLACEMENT PROGRAM**

## **How to Identify Your Private Service Material\***

### **Pipe Identification Procedures**

#### **How To Identify A Lead Water Service Pipe**

##### **Tools Needed:**

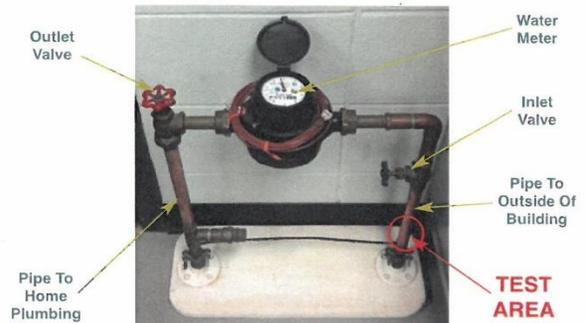
Flathead Screwdriver, Refrigerator Magnet & A Penny (or other coin)

##### **Step 1:**

##### **Locate the water service line coming into the building.**

This is typically found in the basement. An "inlet valve" and the water meter are installed on the pipe after the point of entry.

Identify a test area on the pipe between the point where it comes into the building and the inlet valve. If the pipe is covered or wrapped, expose a small area of metal.



##### **Step 2:**

##### **Scratch the surface of the pipe.**

Use the flat edge of a screwdriver or other tool to scratch through any corrosion that may have built up on the outside of the pipe.

##### **Step 3:**

##### **Compare your pipe to the chart below.**

Each type of pipe will produce a different type of scratch, react to the magnet differently and produce a unique sound when tapped with a metal coin.



##### **Lead Pipes**

##### **The Scratch Test**

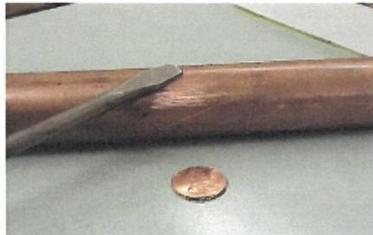
If the scraped area is shiny and silver, your service line is lead.

##### **The Magnet Test**

A magnet will not stick to a lead pipe.

##### **The Tapping Test**

Tapping a lead pipe with a coin will produce a dull noise.



##### **Copper Pipes**

##### **The Scratch Test**

If the scraped area is copper in color, like a penny, your service line is copper.

##### **The Magnet Test**

A magnet will not stick to a copper pipe.

##### **The Tapping Test**

Tapping a copper pipe with a coin will produce a metallic ringing noise.



##### **Galvanized Pipes**

##### **The Scratch Test**

If the scraped area remains a dull gray, your service line is galvanized steel.

##### **The Magnet Test**

A magnet sticks to a galvanized pipe.

##### **The Tapping Test**

Tapping a galvanized pipe with a coin will produce a metallic ringing noise.

\*These tests are indicators of the material that may be in your service line to your home, however, as mentioned above, it does not necessarily guarantee all plumbing material used in the home is the same as near the service line.

# **BARTLETT LEAD SERVICE LINE REPLACEMENT PROGRAM**

## **Options for Homeowners in the Event of an Emergency**

If the Village has to perform emergency utility work on the water service system due to lead contaminants, property owners will be given water filters and have six (6) months to select an option from the program. The three (3) options to homeowners are as follows:

- Homeowner may hire a plumber of their choice and replace privately owned lead pipes at their own cost.
- Property owner may select a State and Village licensed and bonded plumber (a list of licensed contractors is available on the Village of Bartlett website at <https://www.village.bartlett.il.us/home/showdocument?id=84>), after selecting the lowest cost of the three (3) quotes.
- Property owners may sign a waiver and commit for two (2) years to drinking bottled water or using filtered water. A faucet-mounted water filter will be provided by the Village at no cost along with replacement cartridges. The Village will also offer voluntary water testing to check for the presence of lead. Testing is optional and would occur within thirty (30) days of the replacement of the Village portion of the water service pipe. Retests are available after 6 months, 12 months, 18 months and 24 months. The homeowners or occupants of the property can request the tests. Whoever requests the testing will be responsible for the payment of the tests to the Village of Bartlett in advance.

## **Eligible Costs (Up to \$5,000) are as Follows (Must be Included on Estimate):**

In the event of a lead test in a property, and the homeowner decides to pursue the Lead Service Replacement Program, the following costs may be assisted by the Village:

- Costs of plumbing new service to the water meter from the water main.
- Applicable permit fees.
- Costs of location, excavation and exposure of the house service line including the support of existing structures for re-connection of a new service line to the existing water main.
- Cost of trenching and concrete floor repairs associated with the lead service line repairs.

## **Residents Costs are as Follows (and vary on a case-by-case basis):**

- Cost of grass seeding to restore disrupted grass/lawns.
- Removal and replacement of interior walls and finishes.
- Use of materials not meeting the requirements of the Village's guide specifications or Village Codes.
- Ancillary homeowner improvements not necessary to provide a copper service line.
- Planting or replacement of new landscaping (bushes, trees, sod, fences, walls, etc.).

# **BARTLETT LEAD SERVICE LINE REPLACEMENT PROGRAM**

## **GENERAL PLUMBING NOTES**

- In order to qualify for the Lead Service Line Replacement Program: All applicable Village Building permits must be obtained and all plumbing within the home, including any renovations, must be up to code and have been done with a permit. If renovations have been completed and no permit was obtained, the resident will be required to obtain that and pay for the inspections.
- If applicable, the property must be in compliance with the backflow prevention tests mandated by the Village and the State. If a property is in noncompliance, the homeowner must provide proof of compliance before moving forward with the Lead Service Line Replacement Program.
- Lead Service Lines are to be replaced with copper service lines.
- Service lines for the program shall be for one-inch (1”) services, if a homeowner wishes to utilize a one and a half inch (1.5”) service, the cost of the additional material is solely on the homeowner.
- The shutoff valve and line from the valve to the water main must also be replaced. The resident is responsible for contributing to the entire service, from main to the meter.
- No amount of the lead service line is to remain up to the water meter. Any lead plumbing past the water meter in the home is up to the homeowner to remove at their sole cost.
- Where manufactured pipe joints cannot be utilized or where dissimilar materials are joined, “non-shear” type couplings shall be used for connections.
- The Contractor shall restore all interior and exterior surfaces disturbed due to excavation in-kind.
- The application shall include a detailed description of exterior and interior (if applicable) extent of work.
- Quotes and invoice must be itemized and priced accordingly to those items within the description of the work used in the application. Any items not explained will not be subject to reimbursement.
- All work must be completed within one (1) month of an issued permit. A final inspection must be called in to be scheduled by that time.

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- A copy of the paid check to the contractor and contractor detailed invoice must be submitted within thirty (30) calendar days of work completion and final inspection, or the resident will forfeit the assistance from the Village.

### **INSTRUCTIONS ON HOW TO APPLY**

#### **Step 1:**

- Contact the Public Works Department Water Division at (630) 837-0811 to:
  - Get your name on the list of applicants (if applicable).
  - Schedule an inspection by Water Division Staff and the Plumbing Inspector to make sure the property is eligible.

#### **Step 2:**

- After being deemed eligible:
  - Obtain three (3) detailed quotes from licensed plumbers and send copies to the Village to obtain Village approval.
  - Hire approved plumber.

#### **Step 3:**

- Prepare and submit the following:
  - Hired plumber's provided written proposal, which details the scope of work.
  - **Lead Service Replacement Permit Application** (page 9)
  - **General Information Form** (page 10)
  - **Letter of Agreement** (page 11)
- Submit all above items to the Bartlett Public Works Department at 1150 Bittersweet Drive. They could also be dropped off at the Village Hall at 228 S. Main Street with Attention marked to "Lead Service Replacement Program – Bartlett Public Works"

\*All assistance with this program is based on available and budgeted funds\*

#### **Step 4:**

- The proposal from the plumber will be reviewed and will either be approved as noted or returned for revisions. Once proposal receives approval, the permit will be issued and the plumber may start the work. The timeline highlighted above begins at this time.

#### **Step 5:**

- The plumber needs to contact the Water Division and the Building Division to schedule normal inspections during the course of work and at completion for a final inspection.

#### **Step 6:**

- After work has been inspected and approved, the Village will assist in the payment of the eligible cost as stated on page six (6). The resident shall provide the following:
  - Copy of detailed invoice from the Contractor
  - Copy of check from Resident made out to the Contractor for full amount

# BARTLETT LEAD SERVICE LINE REPLACEMENT PROGRAM

Permit #: \_\_\_\_\_

Inspected for Eligibility \_\_\_\_\_ (Initials/Date)

Village of Bartlett Public Works  
1150 Bittersweet Drive, Bartlett, IL 60103  
(630) 837-0811



## LEAD SERVICE LINE REPLACEMENT PERMIT APPLICATION

Owner Name: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

**ALL CONTRACTORS/HOMEOWNERS TO PROVIDE SEPARATE TRADE SPECIFIC BONDS**

<b>Contractor (If Applicable)</b> <small>*Include Contact Information*</small>	<b>Phone Number</b>
<b>Plumber:</b>	
<b>Landscaping:</b>	
<b>Street and/or Sidewalk Repair:</b>	
<b>Misc.:</b>	

Approximate Job Cost: \$ \_\_\_\_\_

**Plumbing Contractor (Please Print):**

Contact: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

1. The service line must be replaced from the water main to the meter inside the home.
2. The program covers one-inch (1”), copper service lines and the removal of all lead-based plumbing from the main to the water meter. Any plumbing work after the water meter, or any upgrade in size to the service line is strictly on the homeowner to cover the cost.
3. The Contractor shall restore all interior and exterior surfaces due to work done in-kind.
4. Must submit a detailed description of the scope of work and itemized quote/invoice to accompany the permit and application.
5. Work must be completed in a timely manner. All work must be completed within one (1) month of permit/application approval. The final inspection must be called and scheduled within two (2) business days of work completion.
6. Additional inspections may be required throughout the work depending on the scope of work and what is required by the Building Division and Water Division.
7. If the residence requires a backflow prevention device and is noncompliant with the current testing, backflow testing must be completed and confirmed prior to any participation in the cost share.

**Approved as Noted:** \_\_\_\_\_  
Water Supervisor Date

**Approved as Noted:** \_\_\_\_\_  
Plumbing Inspector Date

**Approved as Noted:** \_\_\_\_\_

**BARTLETT LEAD SERVICE LINE REPLACEMENT PROGRAM**

Public Works Director

Date

**GENERAL INFORMATION**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: Home or Cell: \_\_\_\_\_ (Work): \_\_\_\_\_

Date you moved into this home: Month: \_\_\_\_\_ Year: \_\_\_\_\_

Plumbing Contractor's Name: \_\_\_\_\_

Company: \_\_\_\_\_ Phone: \_\_\_\_\_

General Questions (Please Circle)

Have you performed a scratch test for lead?      **Y**    **N**    **NA**    **Unsure**

Have you had an official lead/copper test completed? **Y**    **N**    **NA**    **Unsure**

If so, Date of test and results: \_\_\_\_\_

Does your home have a backflow prevention device? **Y**    **N**    **NA**    **Unsure**

If so, are you compliant in the testing and/or disconnection? **Y**    **N**    **NA**    **Unsure**

**Application Materials Required:**

Each of the following documents **MUST** be attached to this application in order for the application to proceed and for a permit to be issued:

1. Three (3) Quotes for the work from licensed Plumbers.
2. Copy of detailed proposals from the plumbing contractors.
3. Copy of the signed Homeowner Participation Agreement.
4. Completed Permit Application form (with all applicable fees paid).

# **BARTLETT LEAD SERVICE LINE REPLACEMENT PROGRAM**

## **Village of Bartlett Letter of Agreement**

**I understand and agree** that the Village of Bartlett established the Lead Service Replacement Program (“the Program”) to assist residents in protecting their home from potential harmful lead contaminants within the water service line.

**Prior to the installation** of any plumbing work, the specific plan including the Proposal shall be submitted to the Village for review and approval. No work shall commence until Village approval is obtained and a permit is issued. The Village shall be notified to inspect the plumbing work as required under any permit.

**The Village will assist in paying for the eligible costs** outlined in the Program Description at approved amounts, not to exceed five thousand dollars (\$5,000), and will be made after work is completed, inspected and approved by the Village. No payment will be made to the Contractor (or Resident) until after a final inspection is completed and approved by the Bartlett Building Division. I understand, I, the Homeowner, am responsible for all other costs associated with the work.

**Liability** – The Village shall have no liability for any defective work or other damage, injury and/or loss on account of any act or omission of the Contractor in the performance of the work. The Homeowner shall make any claim for such matters directly against the Contractor or Contractor’s insurance carrier. Homeowner hereby agrees to indemnify and hold Village harmless against any and all claims and further covenants not to sue the Village for any and all claims, as switching out the service does not guarantee complete removal of lead within the residence.

**After payment has been made by the Village**, the installed service line from the shut-off valve to the water meter becomes the property of the Homeowner. All expenses pertaining to the ongoing operation and maintenance of the water service line are the property and responsibility of the Homeowner. Maintenance of said equipment is the sole responsibility of the Homeowner.

**Disclaimer** – The Program is designed to substantially reduce the risk of lead contamination in the water. However, there is always some risk of lead in the home as a result of lead solder utilized within the home, galvanized pipes installed, some faucet fixtures installed prior to 1986 or potential of lead-based paint used. The Homeowner shall have the responsibility for all testing, inspections and any corrective work that may become necessary for regular and periodic maintenance. It is further recommended that the Homeowner continue to monitor for high lead levels to provide protection for any future needs. Costs of any internal home renovation and lead plumbing removal shall be the responsibility of the Homeowner.

**Breach** – If the Homeowner fails to comply with all requirements of this Agreement or to complete installation as provided in this Agreement, the Village shall have no obligation to pay for the costs of the replacement service line.

**I understand and agree with all of the above statements and agree to comply accordingly.**

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<b>Homeowner – Printed Name</b>	<b>Signature</b>	<b>Date</b>
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**Property Address**